

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016**

**Sutter Maintenance Yard East Levee Sutter Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	09/23/2016 09/30/2016	Tariq Chechi

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_ST0002_01_s _ 2013_4				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_ST0002_01_s _ 2013_5				
Comment Code					
Inspector Comment					
The LMA has flood fight supplies and equipment.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	09/23/2016 09/30/2016	Tariq Chechi

No Photos

Photo 1 of 1 : FA\_2016\_ST0002\_450\_27\_20161003\_00044.jpg



View of the annual grass blocking visibility.

Photo 1 of 1 : FA\_2016\_ST0002\_450\_30\_20161003\_00045.jpg



View of the rodent holes along the landside slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	N/A : Not Applicable A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

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Unit No. 01 Sutter Bypass Levee	Left	21.68	09/23/2016 09/30/2016	Tariq Chechi

LM Start	4.14	Rating **	C	Issue No.	28
LM End	4.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.115232 °	39.115232 °
				-121.770963 °	-121.770963 °
DWR ID	DWR_ST0002_01_s _ 2016_28				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Vehicle traffic on slope has deep ruts and ponding of water.					

No Photos

LM Start	5.20	Rating **	C	Issue No.	25
LM End	5.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.103313 °	39.103313 °
				-121.758813 °	-121.758813 °
DWR ID	DWR_ST0002_01_s _ 2015_25				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the vehicle erosion along the waterside slope.					

No Photos

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
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## Sutter Maintenance Yard East Levee Sutter Bypass

No Photos

View of the erosion along the waterside toe.

View of the erosion along the waterside toe.

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Unit No. 01 Sutter Bypass Levee	Left	21.68	09/23/2016 09/30/2016	Tariq Chechi

LM Start	9.66	Rating **	C	Issue No.	32
LM End	9.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.042003°	39.042003°
				-121.732308°	-121.732308°
DWR ID	DWR_ST0002_01_s_2016_32				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Fallen Dead Tree on Waterside slope.					

No Photos

LM Start	10.88	Rating **	M	Issue No.	1
LM End	10.91	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.024835 °	39.024399 °
				-121.726929 °	-121.726808 °
DWR ID	DWR_ST0002_01_s_2016_1				
Comment Code					
Inspector Comment					
2011 - Small section of the mid levee slope has eroded from wind wave. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: SBP_11-1_L]					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter Bypass Levee	Left	21.68	09/23/2016 09/30/2016	Tariq Chechi

LM Start	11.50	Rating **	C	Issue No.	36
LM End	11.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.016206 °	39.016206 °
				-121.724236 °	-121.724236 °
DWR ID	DWR_ST0002_01_f_2016_36				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Fallen Dead Tree on Waterside slope.					

No Photos

LM Start	13.34	Rating **	A/W	Issue No.	23
LM End	13.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.991857 °	38.991857 °
				-121.711555 °	-121.711555 °
DWR ID	DWR_ST0002_01_s_2015_23				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the erosion along the waterside slope.					

Photo 1 of 1 : FA\_2016\_ST0002\_450\_23\_20160823\_00004.jpg



View of the vehicle erosion along the slope.

LM Start	14.71	Rating **	M	Issue No.	37
LM End	14.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.979389 °	38.979389 °
				-121.691923 °	-121.691923 °
DWR ID	DWR_ST0002_01_f_2016_37				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the vehicle erosion along the waterside slope.					

Photo 1 of 1 : FA\_2016\_ST0002\_450\_37\_20161003\_00050.jpg



View of the erosion caused by vehicle traffic.

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CR : Crown

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**+ Issue Type**

Ma : Maintenance Deficiency  
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Unit No. 01 Sutter Bypass Levee	Left	21.68	09/23/2016 09/30/2016	Tariq Chechi

LM Start	14.71	Rating **	M	Issue No.	38
LM End	14.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.979389 °	38.979389 °
				-121.691923 °	-121.691923 °
DWR ID	DWR_ST0002_01_f _ 2016_38				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2016\_ST0002\_450\_38\_20161003\_00051.jpg



View of the rodent holes along the landside slope.

LM Start	17.60	Rating **	M	Issue No.	21
LM End	17.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.949965 °	38.949965 °
				-121.653823 °	-121.653823 °
DWR ID	DWR_ST0002_01_s_2015_21				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the vehicle erosion along the waterside slope.					

Photo 1 of 2 : FA\_2016\_ST0002\_450\_21\_20160823\_00002.jpg



View of the vehicle erosion along the waterside slope.

LM Start	<b>17.60</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>17.60</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2016\_ST0002\_450\_21\_20160823\_00003.jpg



View of the vehicle erosion along the waterside slope.

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Unit No. 01 Sutter Bypass Levee	Left	21.68	09/23/2016 09/30/2016	Tariq Chechi

LM Start	20.18	Rating **	C	Issue No.	33
LM End	20.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.920461 °	38.920461 °
				-121.625193 °	-121.625193 °
DWR ID	DWR_ST0002_01_s_2016_33				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Fallen dead tree on waterside slope.					

No Photos

LM Start	20.43	Rating **	M	Issue No.	40
LM End	20.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.916965 °	38.916965 °
				-121.624048 °	-121.624048 °
DWR ID	DWR_ST0002_01_f_2016_40				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : FA\_2016\_ST0002\_450\_40\_20161003\_00058.jpg



View of the rodent holes along the landside slope.

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